



SPYWOLF

Security Audit Report



Completed on
August 1, 2022

MADE IN USA 

@SPYWOLFNETWORK



@SPYWOLFNETWORK



SPYWOLF.CO





OVERVIEW

This audit has been prepared for **Pavilion Network** to review the main aspects of the project to help investors make an informative decision during their research process.

You will find a summarized review of the following key points:

- ✓ Contract's source code
- ✓ Owners' wallets
- ✓ Tokenomics
- ✓ Team transparency and goals
- ✓ Website's age, code, security and UX
- ✓ Whitepaper and roadmap
- ✓ Social media & online presence

“

The results of this audit are purely based on the team's evaluation and does not guarantee nor reflect the projects outcome and goal

- SPYWOLF Team -

”





TABLE OF CONTENTS

Project Description	01
Contract Information	02
Current Stats	03-04
Featured Wallets	05
Vulnerability Check	06
Threat Levels	07
Found Threats	08-A/08-B
Good Practices	09
Tokenomics	10
Team Information	11
Website Analysis	12
Social Media & Online Presence	13
About SPYWOLF	14
Disclaimer	15



PAVILION

PAVILION NETWORK

PROJECT DESCRIPTION

According to their whitepaper:

Pavilion Network aim to be a largest social media platform “decentralized version of TikTok”. Users will be able to engage in the platform’s create-to-earn economy through a variety of actions including creating, commenting, or otherwise engaging with posts. \$PAV tokens will be used as payment for the entire Pavilion ecosystem utilities.

Release Date: Presale starts on August, 2022

Category: P2E/Metaverse

01



CONTRACT INFO

Token Name
Pavilion

Symbol
PAV

Contract Address

0x98F388F3f52889Dbf090b74179A2984712F9960B

Network

Binance Smart Chain

Language

Solidity

Deployment Date

July 20, 2022

Verified?

Yes

Total Supply

790,000,000

Status

Not launched

TAXES

Buy Tax
none

Sell Tax
10%

Our Contract Review Process

The contract review process pays special attention to the following:

- ✓ Testing the smart contracts against both common and uncommon vulnerabilities
- ✓ Assessing the codebase to ensure compliance with current best practices and industry standards.
- ✓ Ensuring contract logic meets the specifications and intentions of the client.
- ✓ Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders.
- ✓ Thorough line-by-line manual review of the entire codebase by industry experts.

Blockchain security tools used:

- OpenZeppelin
- Mythril
- Solidity Compiler
- Hardhat



CURRENT STATS

(As of August 01, 2022)



Liquidity

Not added yet



Burn

No burnt tokens

Status:
Not Launched!

MaxTxAmount
No limit

DEX:
PancakeSwap

LP Address(es)

Liquidity not added yet



TOKEN TRANSFERS STATS

Transfer Count	1
Uniq Senders	1
Uniq Receivers	1
Total Amount	7900000000 PAV
Median Transfer Amount	7900000000 PAV
Average Transfer Amount	7900000000 PAV
First transfer date	2022-07-20
Last transfer date	2022-07-20
Days token transferred	1

SMART CONTRACT STATS

Calls Count	1
External calls	1
Internal calls	0
Transactions count	1
Uniq Callers	1
Days contract called	1
Last transaction time	Jul-20-2022 08:35:20 AM +UTC
Created	Jul-20-2022 08:35:20 AM +UTC
Create TX	0x2a4fe3baa019887c5c7de7ec9e024ae210b41c014ff404bc3f0be5ca9c7f9f7a
Creator	0x46d8b321c443079698aaf213b5555fe1ad7fc6a



FEATURED WALLETS

Owner address	0x46d8b321c443079698aaf213b5555fealad7fc6a
LP address	Liquidity not added yet

TOP 3 UNLOCKED WALLETS



*Tokens are not distributed yet



VULNERABILITY CHECK

Design Logic	Passed
Compiler warnings.	Passed
Private user data leaks	Passed
Timestamp dependence	Passed
Integer overflow and underflow	Passed
Race conditions and reentrancy. Cross-function race conditions	Passed
Possible delays in data delivery	Passed
Oracle calls	Passed
Front running	Passed
DoS with Revert	Passed
DoS with block gas limit	Passed
Methods execution permissions	Passed
Economy model	Passed
Impact of the exchange rate on the logic	Passed
Malicious Event log	Passed
Scoping and declarations	Passed
Uninitialized storage pointers	Passed
Arithmetic accuracy	Passed
Cross-function race conditions	Passed
Safe Zeppelin module	Passed
Fallback function security	Passed



THREAT LEVELS

When performing smart contract audits, our specialists look for known vulnerabilities as well as logical and access control issues within the code. The exploitation of these issues by malicious actors may cause serious financial damage to projects that failed to get an audit in time. We categorize these vulnerabilities by the following levels:

High Risk

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

Medium Risk

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

Low Risk

Issues on this level are minor details and warning that can remain unfixed.

Informational

Information level is to offer suggestions for improvement of efficacy or security for features with a risk free factor.



FOUND THREATS

⚠ High Risk

Once the minimumTokensBeforeSwap value is reached from the fees accumulated in the contract, selling fails.

```
bool canSwap = contractTokenBalance >= minimumTokensBeforeSwap;

if (
    canSwap &&
    !swapping &&
    !automatedMarketMakerPairs[from] &&
    from != owner() &&
    to != owner()
) {
    _startTimeForSwap = block.timestamp;
    swapAndLiquifycount = swapAndLiquifycount.add(1);
    swapping = true;

    SwapAndLiquify(contractTokenBalance);

    swapping = false;
}
```



Informational

Owner can exclude address from fees.

```
function excludeFromFees(address account, bool excluded) public onlyOwner {
    require(
        _isExcludedFromFees[account] != excluded,
        "MicroPets: Account is already the value of 'excluded'"
    );
    _isExcludedFromFees[account] = excluded;

    emit ExcludeFromFees(account, excluded);
}

function excludeMultipleAccountsFromFees(
    address[] calldata accounts,
    bool excluded
) public onlyOwner {
    for (uint256 i = 0; i < accounts.length; i++) {
        _isExcludedFromFees[accounts[i]] = excluded;
    }

    emit ExcludeMultipleAccountsFromFees(accounts, excluded);
}
```



RECOMMENDATIONS FOR

GOOD PRACTICES

1

Consider fundamental tradeoffs

2

Be attentive to blockchain properties

3

Ensure careful rollouts

4

Keep contracts simple

5

Stay up to date and track development

Pavilion

GOOD PRACTICES FOUND

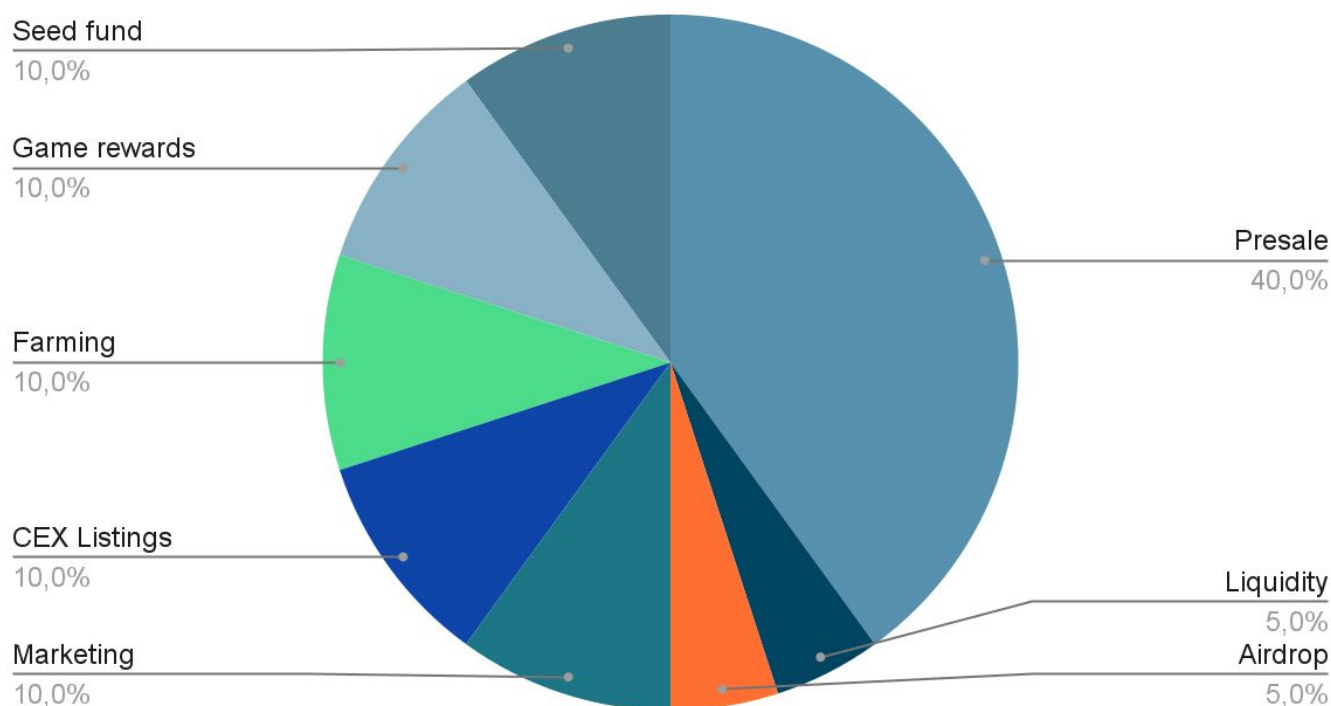
- ✓ The owner cannot mint new tokens after deployment
- ✓ The owner cannot stop or pause the contract
- ✓ The owner cannot set a transaction limit
- ✓ The smart contract utilizes "SafeMath" to prevent overflows



*The following tokenomics are based on the project's whitepaper and/or website:

- 40% - Presale
- 10% - CEX Listings
- 10% - Farming
- 10% - Marketing
- 10% - Game rewards
- 10% - Seed fund
- 5% - Liquidity
- 5% - Airdrop

Tokens distribution



Analysis:

⚠ According to the current token distribution ratios, if only the Seed fund tokens are sold on launch, this will lead to more than -75% price drop.

If the Seed fund and Marketing tokens are sold on launch, this will lead to above -90% price inflation.

If the Seed fund, Marketing tokens and Airdrop tokens are sold at launch, this will lead to above -95% price drop.

TOKENOMICS



THE TEAM

! The team is
anonymous

KYC INFORMATION

! No KYC

We recommend the team to get a KYC in order to ensure trust and transparency within the community.





WEBSITE

Website URL
<https://pavicoins.io/>

Domain Registry
<https://www.godaddy.com>

Domain Expiration
Expires on 2023-07-20

Technical SEO Test
Passed

Security Test
Passed. SSL certificate present

Design
Single page design,
appropriate color scheme
and graphics.

Content
The information helps new
investors understand what
the product does right away.
No grammar mistakes
found.

Whitepaper
Well written, explanatory.

Roadmap
Yes, goals set without time
frames.

Mobile-friendly?
Yes



pavicoins.io

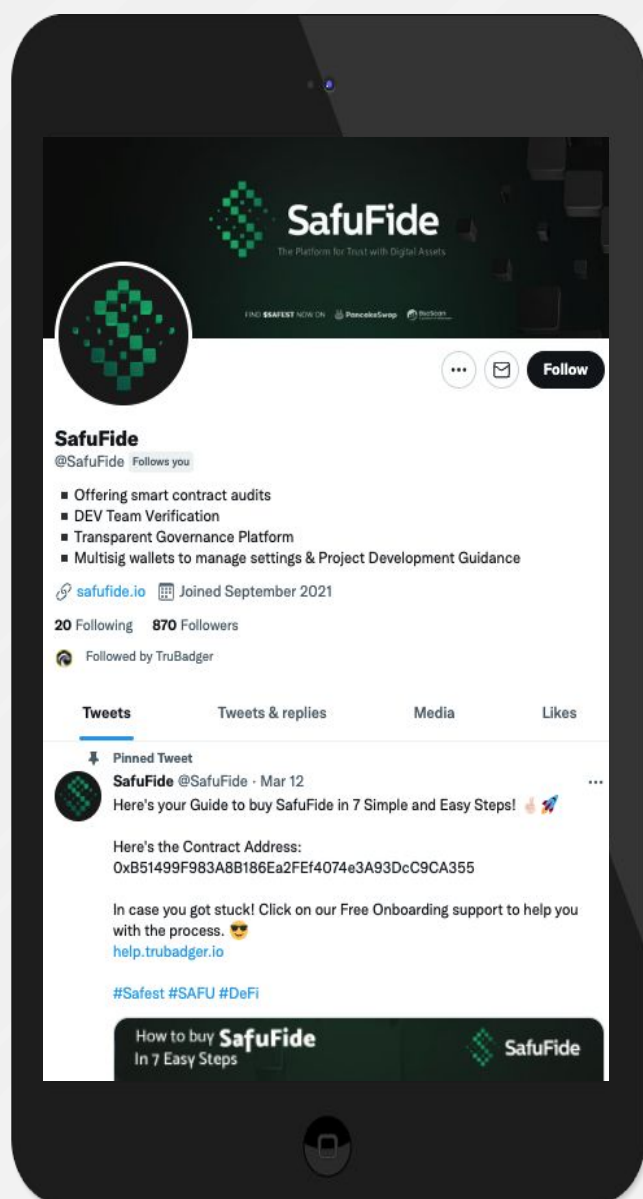


SOCIAL MEDIA & ONLINE PRESENCE



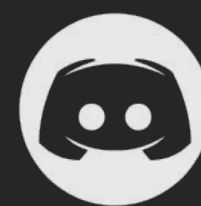
ANALYSIS

The social media presence is very new and not that active.



Twitter

- Not available ⚠️



Discord

- Not available



Telegram

@pavilionglobal

- 26 members



Medium

- Not available



SPYWOLF

CRYPTO SECURITY

Audits | KYCs | dApps
Contract Development

ABOUT US

We are a growing crypto security agency offering audits, KYCs and consulting services for some of the top names in the crypto industry.

- ✓ OVER 150 SUCCESSFUL CLIENTS
- ✓ MORE THAN 500 SCAMS EXPOSED
- ✓ MILLIONS SAVED IN POTENTIAL FRAUD
- ✓ PARTNERSHIPS WITH TOP LAUNCHPADS, INFLUENCERS AND CRYPTO PROJECTS
- ✓ CONSTANTLY BUILDING TOOLS TO HELP INVESTORS DO BETTER RESEARCH

To hire us, reach out to
contact@spywolf.co or
t.me/joe_SpyWolf

FIND US ONLINE



SPYWOLF.CO



SPYWOLF.NETWORK



@SPYWOLFNETWORK



@SPYWOLFOFFICIAL



@SPYWOLFNETWORK



@SPYWOLFNETWORK



Disclaimer

This report shows findings based on our limited project analysis, following good industry practice from the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, overall social media and website presence and team transparency details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.

While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

DISCLAIMER:

By reading this report or any part of it, you agree to the terms of this disclaimer. If you do not agree to the terms, then please immediately cease reading this report, and delete and destroy any and all copies of this report downloaded and/or printed by you. This report is provided for information purposes only and on a non-reliance basis, and does not constitute investment advice.

No one shall have any right to rely on the report or its contents, and SpyWolf and its affiliates (including holding companies, shareholders, subsidiaries, employees, directors, officers and other representatives) (SpyWolf) owe no duty of care towards you or any other person, nor does SpyWolf make any warranty or representation to any person on the accuracy or completeness of the report.

The report is provided "as is", without any conditions, warranties or other terms of any kind except as set out in this disclaimer, and SpyWolf hereby excludes all representations, warranties, conditions and other terms (including, without limitation, the warranties implied by law of satisfactory quality, fitness for purpose and the use of reasonable care and skill) which, but for this clause, might have effect in relation to the report. Except and only to the extent that it is prohibited by law, SpyWolf hereby excludes all liability and responsibility, and neither you nor any other person shall have any claim against SpyWolf, for any amount or kind of loss or damage that may result to you or any other person (including without limitation, any direct, indirect, special, punitive, consequential or pure economic loss or damages, or any loss of income, profits, goodwill, data, contracts, use of money, or business interruption, and whether in delict, tort (including without limitation negligence), contract, breach of statutory duty, misrepresentation (whether innocent or negligent) or otherwise under any claim of any nature whatsoever in any jurisdiction) in any way arising from or connected with this report and the use, inability to use or the results of use of this report, and any reliance on this report. The analysis of the security is purely based on the smart contracts, website, social media and team.

No applications were reviewed for security. No product code has been reviewed.